

ABSTRACT

The present invention provides a furniture assembly that includes rods and connection members, and that can be fully assembled without using tools or additional hardware. In one embodiment, the rods include a threaded end and an unthreaded end, and the connection members include an interior member and an exterior member, where the interior member and exterior member may be separate or of unitary construction. The exterior member includes unthreaded apertures for receiving the rods and the interior member includes an unthreaded aperture and a threaded aperture, also for receiving the rods. The rods and connection members are interconnected and gradually tightened to provide a stable furniture frame. Multi-level framing and methods of assembly are also provided. In an alternate embodiment, a connector assembly is provided for securing a plurality of rods within a connector using a leg threaded into the connector obliquely to a plane occupied by the rods.